

June 2003
CENTRAL COMMAND

SAFESTAT REPORT



Content:

- Crash Analysis
- Field Enforcement
- Staffing Hours
- Ratios
- FY03 Performance
- Admin Report
- Communications
- Personnel
- Public Information
- Accomplishments
- Projects
- Upcoming Events

July 9, 2003

Nevada Highway Patrol

Major Rick Bradley

Overview

The Central Command has continued its efforts to provide and improve traffic safety services throughout the area. The overall productivity of the Command has remained constant despite an increased vacancy rate. The vacancy rate has risen this past month from 20% in May to 22% in June. In an attempt to remain constant and improve in those areas described in this report Commanders have been task with looking for new and improved ways of conducting business.

Central Command personnel investigated 110 total crashes in June. Total crashes were down 13.4% or 17 total crashes from May and down 22.5% or 32 total crashes from the same reporting period the previous year. Injury crashes investigated decreased by 32.7% or a total of 16 crashes from May and there was no change from the same reporting period in 2002. Property Damage crashes investigated also decreased by 2.7% or a total of 2 crashes from May and decreased 32.7% or a total of 35 crashes from the same reporting period the previous year. There were 5 fatal crashes investigated in the Command in June compared 4 investigated in May for a 25% increase and up 150% or a total of 3 from the same reporting period the previous year. The total number of DUI related crashes investigated increased 40% in June (7 total DUI crashes), up 2 crashes from May and up 133.3% or a total of 4 crashes from the same reporting period the previous year. However, of the 7 DUI crashes investigated in June, 2 were investigated in Elko City limits for Elko PD during the annual motorcycle rally.

The Command's overall productivity decreased by 6.9% from 3576 total violations in May to 3331 total violations in June. However, there was an increase in total violations over the same reporting period the previous year of 333 total violations for a 11.1% increase. The total number of persons arrested also decreased 9% from 67 total persons arrested in May to 61 in June but increased by 5.2% from the same reporting period the previous year. The most significant declines in enforcement activity were noted in the hazardous moving violations and occupant restraint violations category, 23.6% and 42.7% respectively. Both areas will be addressed and plans for improvement will be discussed during July's "SafeStat" meetings. It should be noted that the majority of the declines in the Field Enforcement Activity area can be attributed to the significant increase in Annual Leave (102.3%) and Comp. Leave (116.7%) used for a decrease of 9.9% in total hours worked. Commercial Enforcement Field Activity improved in most categories during the month of June with the exception of total trucks weighed. 312 trucks were weighed in May and only 53 trucks were weighed in June. This area will also be addressed in this months "SafeStat" meeting and a substantial improvement will be noted for July.

Central Command personnel continue to do their jobs with the over all activity remaining constant and overtime down despite the current vacancy rate and less total hours worked.

CENTRAL COMMAND

CRASH ANALYSIS AND OVERVIEW

	Current period		Same period previous year	% Change		Previous reporting period	% Change
Total Crashes	110		142	-22.5%		127	-13.4%
Property Crashes [including commercial vehicles]	72		107	-32.7%		74	-2.7%
Injury Crashes [including commercial vehicles]	33		33	0.0%		49	-32.7%
Fatal Crashes [including commercial vehicles]	5		2	150.0%		4	25.0%
DUI Crashes [DUI charged]	7		3	133.3%		5	40.0%
Total persons killed in fatal crashes	6		2	200.0%		7	-14.3%
Total drivers killed without seatbelts	1		0	100.0%		1	0.0%
Total passengers killed without seatbelts	2		1	100.0%		2	0.0%
Total drivers killed with seatbelts	2		1	100.0%		2	0.0%
Total passengers killed with seatbelts	1		0	100.0%		2	-50.0%
Total number of commercial vehicle crashes	19		8	137.5%		15	26.7%
Property crashes involving commercial vehicle	15		5	200.0%		12	25.0%
Injury crashes involving commercial vehicle	3		3	0.0%		3	0.0%
Fatal crashes involving commercial vehicle	1		0	100.0%		0	100.0%

Percentage of fatal crashes to total crashes 4.5%

Percentage of DUI crashes to total crashes 6.4%

Percentage of persons killed *without* seatbelts to total persons killed 50.0%

Percentage of commercial vehicle crashes to total crashes 17.3%

NARRATIVE ANALYSIS

[Narrative analysis to include trends or other applicable issues]

During June, the Central Command investigated 17 fewer crashes than in May resulting in a 13% decrease. When compared to June 2002, there were 32 fewer crashes or a 22.5% decrease. Of the 110 crashes investigated, 5 (one injury and 4 property) crashes were handled in Elko city limits for Elko Police Department as part of the Division involvement in the Elko Motorcycle Jamboree. If these 5 crashes were removed from the totals, there would have been a 21% decrease in crashes as compared to May.

There were five fatal crashes in June, an increase of one from May. These fatal crashes killed one less person than the 4 in May.

There were 7 alcohol related crashes, which was an increase of 2 over May. However, of the 7, 2 were involved in crashes that were handled for Elko PD. Discounting these 2, there was no increase in alcohol related crashes. The BAC results from these crashes are pending as they were blood tests.

Commercial vehicle crashes increased by 4, 15 to 19 during June as compared to May. Although an increase has occurred, this is a decrease from a high of 25% in February and March of this year.

Despite a decrease of enforcement of almost 7%., total crashes across the Command decreased by over 13%

FIELD ENFORCEMENT ACTIVITY

[Narrative analysis to include trends or other applicable issues]

	June-03		June-02	% Change		May-03	% Change
DUI arrests from crashes	7		3	133.3%		3	133.3%
DUI arrests <i>prior</i> to crashes	26		25	4.0%		28	-7.1%
Other Arrests	110		136	-19.1%		135	-18.5%
Total persons arrested (DUI included)	61		58	5.2%		67	-9.0%
Speed violations	2217		1796	23.4%		2263	-2.0%
Hazardous moving violations	220		303	-27.4%		288	-23.6%
Occupant restraint violations *	203		223	-9.0%		354	-42.7%
Total violations [above violations included]	3331		2998	11.1%		3576	-6.9%
Commercial Enforcement							
Hazardous moving violations - citations/arrests	41		67	-38.8%		34	20.6%
Other traffic violations - citations/arrests	11		24	-54.2%		10	10.0%
Total safety inspections [level 1, 2, 3, 4, & 6]	615		374	64.4%		604	1.8%
Terminal inspections [level 5]	2		0	200.0%		7	-71.4%
Total safety violations -- citation	134		145	-7.6%		197	-32.0%
Total safety violations -- repair order	1661		1142	45.4%		1532	8.4%
Total vehicles placed "Out of Service"	55		31	77.4%		73	-24.7%
Total drivers placed "Out of Service"	52		14	271.4%		41	26.8%
Total school buses inspected	86		143	-39.9%		120	-28.3%
Total school buses placed "Out of Service"	29		0	2900.0%		16	81.3%
Total trucks weighed	53		2	2550.0%		312	-83.0%
Total overweight citations	0		0	0.0%		3	-300.0%
Total dyed fuel inspections	573		94	509.6%		506	13.2%
Total dyed fuel citations	0		1	-100.0%		2	-200.0%

NARRATIVE ANALYSIS

[Narrative analysis to include trends or other applicable issues]

Overall, enforcement activity decreased by 6.9% in June as compared to May. Hazardous moving violations decreased by 68, speed violations decreased by 46, and occupant restraint decreased by 151 or 42%. Enforcement decreased in all areas. The primary cause of this decline can be attributed to lost work hours which increased by almost 22% as well as a 10% decrease in total hours worked. This was precipitated by an increase in annual and comp time used as summer vacations begin as well as vacancies created by retiring personnel. There was over a 28% increase in vacancy hours. There were two fewer DUI arrests prior to crashes. The average BAC for these arrests was .127. Two of the DUI arrests resulting from crashes involved those that were handled for Elko PD. Several blood tests were taken in the DUI arrests in which the results have not yet been received.

The sharp decrease in occupant restraint enforcement is partially a result of the 14 day "Click It or Ticket" campaign in May. During May additional overtime shifts were available for this program. Additional emphasis must be placed on occupant restraint violations regardless if there is a special program in place. Occupant restraint enforcement must be increased.

Continued on Page 10

STAFFING AND WORK HOURS

STAFFING	Authorized positions		Current positions staffed		Percentage of authorized	
	June-03	June-02	June-03	June-02	June-03	June-02
Traffic [Tpr. & Sgt.]	66	61	50	46	75.8%	75.4%
Commercial [Tpr. & Sgt.]	16	16	14	13	87.5%	81.3%
Commercial CVSI	2	2	2	2	100.0%	100.0%
WORK HOURS LOST	June-03		June-02	% Change	May-03	% Change
Annual leave	552.25		692.3	-20.2%	273	102.3%
Compensatory leave	526.5		520.25	1.2%	243	116.7%
Sick Leave [personal and family]	534		440.75	21.2%	589.3	-9.4%
Military leave	0		344	-34400.0%	0	0.0%
Holiday off	0		0	0.0%	116	-11600.0%
Training	685.3		1311.85	-47.8%	754.5	-9.2%
Administrative leave	168		0	16800.0%	178	-5.6%
Leave without pay	0		0	0.0%	0	0.0%
Vacancy [173 hours per position*]	3114		3114	0.0%	2422	28.6%
Total work hours lost	5580.05		6423.15	-13.1%	4575.8	21.9%
OVERTIME	June-03		June-02	% Change	May-03	% Change
Paid overtime claimed	1508.8		2356.8	-36.0%	1647	-8.4%
Compensatory overtime claimed	198.75		192.9	3.0%	232.5	-14.5%
Total overtime hours	1707.55		2549.7	-33.0%	1879.5	-9.1%
TOTAL HOURS WORKED	June-03		June-02	% Change	May-03	% Change
Number of authorized positions x 173 hours*	14532		13667	6.3%	14532	0.0%
Work hours lost	5580.05		6423.15	-13.1%	4575.8	21.9%
Overtime	1707.55		2549.7	-33.0%	1879.5	-9.1%
Total hours worked	10659.5		9793.55	8.8%	11835.7	-9.9%

* 173 hours based upon 2080 work hours per year divided by 12 months

Four Contract Service overtime assignments were worked for a total of 324.75 hours.

STAFFING AND WORK HOURS *Cont'd*

NARRATIVE ANALYSIS

[Narrative analysis to include trends or other applicable issues]

There was an increase in work hours lost from vacancies of over 28%. This is due to the retirement of one Trooper and the promotion of one Sergeant. This increases the actual position vacancy rate within Central Command to 22%.

There was a 22% increase in the number of work hours lost. This is attributed to the additional vacancies as well as an increase in annual and compensatory leave taken. This is due to the beginning of vacations taken by personnel.

Sick leave usage decreased by over 9% from May. Training time also decreased.

Overtime declined by over 9% despite an additional 260 hours in overtime for contract services.

RATIOS – ACCIDENT AND ENFORCEMENT

ACCIDENT RATIOS

Ratio of crashes per Traffic position		May-03
Total	2.2	2.4
Property	1.4	1.4
Injury	0.7	0.9
Fatal	0.1	0.1
DUI	0.1	0.1
Commercial vehicle	0.4	0.3
Ratio of deaths per fatal crash	1.2	1.8
without seatbelts	0.6	0.8
with seatbelts	0.6	1.0

FIELD ENFORCEMENT

Ratio of enforcement per Traffic position		May-03
DUI arrests from crashes	0.1	0.1
DUI arrests <i>prior</i> to crashes	0.5	0.5
Other Arrests	2.2	2.6
Total persons arrested (DUI included)	1.2	1.3
Speed violations	44.3	43.5
Hazardous moving violations	4.4	5.5
Occupant restraint violations	4.1	6.8
Total violations	66.6	68.8

RATIOS – ACCIDENT AND ENFORCEMENT *Cont'd*

INSPECTION / ENFORCEMENT RATIOS

Ratio of inspections and enforcement per Commercial position

May-03

Hazardous moving violations - citations	2.9	2.6
Other traffic violations - citations	0.8	0.8
Total safety inspections [all levels]	38.4	40.3
Terminal inspections TIP	0.1	0.5
Total safety violations -- citation *	9.6	15.2
Average safety violations per inspection -- citation	0.2	0.3
Total safety violations -- repair order	103.8	102.1
Average safety violations per inspection -- repair order	2.7	2.5
Total vehicles placed "Out of Service"	3.4	4.9
Average vehicles placed OOS per inspection	0.1	0.1
Total drivers placed "Out of Service"	3.3	2.7
Average drivers placed OOS per inspection	0.1	0.1
Total school buses inspected	5.4	8.0
Total school buses placed "Out of Service"	1.8	1.1
Total trucks weighed *	3.8	24.0
Total overweight citations *	0.0	0.2
Total dyed fuel inspections *	40.9	38.9
Total dyed fuel citations *	0.0	0.2

* Commercial sworn only

NARRATIVE ANALYSIS

[Narrative analysis to include trends or other applicable issues]

The accident ratios for traffic personnel remained relatively constant. For the month of June, crashes decreased as compared to May; however, there were two less staffed positions in June as compared to May. Enforcement dropped by only 2 citations per person. But there was a decrease in overall enforcement numbers. Sergeants need to continually stress the need for enforcement, especially in the areas that lead to increased accident severity.

For Commercial Operations, comparing the ratios in June to May, there is a decrease in the average number of inspections per position despite an overall increase in the number of inspections performed. This is due to Sgt. Baughman reporting to the Command. He is not certified in inspecting commercial vehicles, but his position is counted in determining the ratios. The citation enforcement was down due to the citations issued during the 72 hour road check being issued by Las Vegas personnel.

FY03 Performance Indicators	PROJECTED	ACTUALS June FY 03
Achieve and maintain the goal of response time to highway emergencies; Central Command	20.09 min	21.36 min.
Provide deterrent effect by consistent visible patrol (on-view patrol, un-obligated time); Central Command	40%	38.5%
Increase monthly enforcement of 30 day non-resident registration violations; Statewide	370.25	N/A
Lower monthly percentage of crashes involving intoxicated drivers; Central Command	4.2%	6.4%
Increase the ratio of injury to fatal crashes; Central Command	22.13 : 1	6.6 : 1
Increase the ration of property damage to injury crashes; Central Command	2.32 : 1	2.18 : 1
Monthly crash rate increase no more than 5% higher than population growth; Central Command	85.5	110
Ratio of commercial vehicles inspected to the number placed "out of service;" Central Command	4.11 : 1	11.22 : 1
Ratio of commercial drivers inspected to the number placed "out of service;" Central Command	10.38 : 1	11.82
Ratio of number of commercial vehicles weighed to citations issued; Central Command	138.33 : 1	0
Number of school buses inspected; Central Command	334	86
Number of school buses inspected placed "out of service;" Central Command	N/A	29 [33.7%]
Ratio of all crashes to number of crashes involving a commercial vehicle; Central Command	33.25 : 1	8.46 : 1

NARRATIVE ANALYSIS

[Narrative analysis to include trends or other applicable issues]

During June the Central Command investigated 110 traffic accidents. Of this, 5, or 4.5%, were fatal accidents; 33, or 30% were injury accidents and 72, or 65.5% were property damage accidents. The high percentage of fatal and injury crashes to the total accidents has shown a negative impact on the ratios. With the increase in severity, additional emphasis needs to be placed on speed, hazardous moving violations and safety belt enforcement. This should result in a decrease in the severity of traffic crashes.

ADMINISTRATIVE SERVICES

Administrative Services personnel are currently maintaining an active schedule of cross training and job task sharing. The citation backlog still exists; it is about 6 to 7 weeks behind. This is for current citations. There is an approximate 2 ½ month backlog from October through December 2002.

In-Service training is ongoing and is on schedule for a September / October completion.

Warrants entered and cleared have decreased as compared to June 2002. However, warrant validations have increased by over 22%.

Evidence destruction was completed in conjunction with the Southern Command at the end of June. Over 1100 pounds of evidence was destroyed.

COMMUNICATION CENTER

One PSD III remains on extended sick leave.

Three PSD candidates are currently in the background investigation phase of the employment process. Currently there is one vacant PSD position.

Overtime expended in June was 171 hours, which was a decrease from 189 hours in May. Overtime remains high as the Center compensates for the one vacant position and the person on extended sick leave.

PERSONNEL

Sergeant Mike Cowley was promoted to Lieutenant and assigned to Ely to command the Central Command South area. Lt. Cowley was in an Acting Lieutenant position for over 8 months prior to his promotion.

PSD III Jean Moots remains on extended sick leave from the Communications Center.

The Hawthorne Sergeant remains on Administrative Leave.

Trooper Cliff Smith of Wendover retired on May 31st with over 27 ½ years as a Trooper.

PUBLIC INFORMATION

Several driver safety programs were presented to different mine and federal agency personnel. Over 100 individuals attended this training.

A DUI program was presented to Battle Mountain High School for 150 students.

A child seat information booth was manned in conjunction with the Liberty Mutual Insurance grand opening in Elko.

A child safety seat checkpoint was held at Wal-Mart in Elko. A total of 34 seats were inspected.

ACCOMPLISHMENTS

ADAPT

The ADAPT vehicle was primarily deployed in the Elko area during June. The vehicle was utilized for 47.75 hours which resulted in 14 hazardous citations being issued.

RADAR Trailer

The RADAR trailer was deployed 8 times for almost 92 hours. It was deployed in a construction zone near Wells and in Elko.

SHRED Program

The SHRED (Stationary Handheld Radar Enforcement Detail) procedure has been completed and all equipment has been obtained to begin this enforcement program primarily designed for construction zones.

PROJECTS / ACTION PLANS

Expansion of Central Command Office

Three offices have been obtained from the NDI allotment of footage to expand NHP offices.

Tactical Manual

The tactical Manual is being printed for final review and approval before copies will be published and distributed to field operations personnel.

Command Risk Management Team

The procedure and policy has been completed. Equipment is in the process of being obtained. The Team is ready for deployment if necessary.



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UPCOMING EVENTS

Elko Motorcycle Jamboree

The Jamboree was held on June 20-22. The Division assisted in handling of traffic accidents for Elko PD as well as having motorcycles in the area of events. No major problems were encountered. Division personnel investigated 5 crashes, issued 86 citations and made 27 arrests.

FIELD ENFORCEMENT ACTIVITY

NARRATIVE ANALYSIS CONTINUED

Commercial personnel performed 6 more inspections on commercial vehicles in June than in May. Several personnel participated in the national 72 hour Road Check in Las Vegas. Command personnel performed numerous inspections. For any violations discovered that resulted in a citation being issued, Las Vegas personnel issued the citation. This explains the decrease in the amount of citations issued by Central Command commercial personnel. The semi-annual inspection of school buses was completed in June. Over 1/3 of the buses inspected were placed out of service. An area of concern is weight enforcement. Efforts were minimal during the month. Vehicles weighed during the 72 hour road check were claimed by Southern Command personnel. No dyed fuel violations were discovered during June.
